AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for ~~forming~~ exchanging vehicle management information on an ad-hoc network between vehicles ~~to communicate vehicle management information between them~~, comprising the steps of:

~~collecting, by a source vehicle, its own~~ receiving a vehicle management information message including vehicle ~~driving~~ management information~~, and creating vehicle management information of the source vehicle based on the vehicle driving information~~ having at least one of vehicle position, direction, and speed information from a source vehicle having an event, and a routing condition;

~~setting up, by the source vehicle, a routing condition and a message reception condition composed of predetermined vehicle traveling requirements based on the vehicle management information, and transmitting a vehicle management information message having the routing condition, the message reception condition and the vehicle management information to nearby vehicles;~~

~~searching, by the nearby vehicles, for the routing condition and the message reception condition upon receiving~~ at least one of vehicle position, direction and speed information included in the received vehicle management information ~~message~~;

~~determining, by the nearby vehicles, whether the nearby vehicles route the~~ identifying whether its own vehicle management information of the source vehicle ~~message to another nearby vehicle according to whether vehicle driving information of the nearby vehicles~~ satisfies ~~the routing condition~~ the searched at least one of vehicle position, direction and speed information; ~~and~~

displaying the event of the source vehicle on a monitor based on a result of the identifying step; and

~~determining, by the nearby vehicles, whether the nearby vehicles provide~~ routing the received vehicle management information message of the source vehicle to a ~~driver after detecting the vehicle management information included in the vehicle driving information message according to whether the vehicle driving information of the~~ nearby vehicles after identifying the routing condition ~~satisfies the message reception condition~~.

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) The method as set forth in claim ~~3~~1,

~~wherein, in the collecting step, the step of creating vehicle management information includes~~ further comprising the steps of:

~~creating, with the source vehicle, vehicle safety information based on its own vehicle driving information and the vehicle driving information of the nearby vehicles, and~~ including at least one of position and direction of the source vehicle in the vehicle management ~~driving~~ information; and

creating the vehicle management information using at least one of the vehicle driving information and ~~the~~ vehicle safety information of the source vehicle.

5. (Currently Amended) The method as set forth in claim 4,

wherein vehicle safety information and vehicle driving information of the nearby vehicles are used to create the vehicle management information ~~the vehicle safety information includes~~

~~a first warning message indicating an imminent traffic collision between vehicles,~~

~~a second warning message indicating a traffic accident occurrence, and~~

~~a third warning message indicating the entrance of the source vehicle to a crossroads.~~

6-8. (Cancelled)

9. (Currently Amended) The method as set forth in claim ~~7~~1, wherein the routing condition ~~further~~ includes ID (Identification) and routing area information of a routing vehicle, and ~~the~~a message reception condition ~~further~~ includes ID information of a destination vehicle.

10-13. (Cancelled)

14. (Currently Amended) An apparatus for exchanging vehicle management information on an ad-hoc network between a ~~source~~ vehicle~~s and nearby vehicles to communicate vehicle~~

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~~management information between them,~~ the apparatus <u>being included in one of the vehicles and</u> comprising:

a sensor for collecting vehicle driving information including at least one of vehicle position, direction, and speed information of <u>a</u> ~~the~~ source vehicle <u>and speed information of the source vehicle and including a Global Positioning System (GPS) receiver, a gyro sensor, and an electronic map; and</u>

a communicator for receiving a vehicle management information message ~~having~~ <u>having</u> <u>a</u> vehicle management information<u>, including at least one of vehicle position, direction, and speed information from the source</u> ~~of nearby~~ vehicles, a routing condition and <u>event of the source vehicle, for searching at least one of vehicle position, direction and speed information included in the received vehicle management information, for identifying whether the collected vehicle driving information satisfies the searched at least one of vehicle position, direction and speed information, for transmitting the event of the source vehicle to a controller for displaying the event of the source vehicle, if the collected vehicle driving information satisfies the searched at least one of vehicle position, direction and speed information, and for routing the received vehicle management information message to the nearby vehicles after identifying the routing condition</u>~~a message reception condition from the nearby vehicles, for comparing a vehicle traveling requirement included in the routing condition with the collected vehicle driving information, determining whether the vehicle management information message is routed to another nearby vehicle according to the compared result, and for determining whether the vehicle management information is transmitted to a controller according to whether the collected vehicle driving information is compatible with the message reception condition;~~

~~a display for informing a driver of the collected vehicle driving information and the vehicle management information; and~~

~~a controller for receiving the vehicle management information and for transmitting the vehicle management information to the display.~~

15. (Original) The apparatus as set forth in claim 14,

wherein the routing condition is contained in a header of the vehicle management information message, and the vehicle management information is contained in a main body of the vehicle management information message.

16-47 (Cancelled)

48. (New) The apparatus as set forth in claim 14, wherein the communicator updates the vehicle management information and the routing condition included in the received the vehicle management information message before transmitting the vehicle management information message.

49. (New) The apparatus as set forth in claim 14, wherein the event of the source vehicle is one of warning of a possibility of collisions or forward traffic accidents.

50. (New) The apparatus as set forth in claim 14, wherein the vehicle management information and the routing condition included in the received the vehicle management information message are updated before transmitting the vehicle management information message.